

WHAT IS CLAIMED IS:

1. An image capture control system for an image capture device, comprising:

a controller that provides control parameters to the image capture device, the image capture device able to capture an image from an original document based on the provided control parameters, the control parameters including at least one image capture parameter;

a display device; and

a graphical user interface displayable on the display device, the graphical user interface including a preview pane portion that visually indicates at least one feature of a resulting captured image that will result upon generating a captured image from an original image using the at least one image capture parameter.

2. The image capture control system of claim 1, wherein the preview pane portion comprises a crop/frame marquee selection control that visually indicates a portion of an original image that will be captured as the captured image.

3. The image capture control system of claim 2, wherein the portion of the original image indicated by the crop/frame marquee selection control is a cropped portion of the original image.

4. The image capture control system of claim 2, wherein the portion of the original image indicated by the crop/frame marquee selection control is a framed portion of the original image.

5. The image capture control system of claim 2, wherein the graphical user interface further includes:

a selection portion that is usable to define dimensions of a selected portion of the original image; and

a selection enable portion that enables the selection portion; and dimensions of the crop/frame marquee selection control are determined based on the dimensions defined in the selection portion.

6. The image capture control system of claim 5, wherein the graphical user interface further includes:

a selection portion that is usable to define dimensions of a selected portion of the original image; and

a selection enable portion that enables the selection portion;
dimensions of the crop/frame marquee selection control are alterable;

and

altering the dimensions of the crop/frame marquee selection control
causes the dimensions defined in the selection portion to be correspondingly altered.

7. The image capture control system of claim 5, wherein:

the preview pane portion comprises a scale marquee selection control
that visually indicates scaled dimensions of the captured image;

the graphical user interface further includes:

a scale-to portion that is usable to define scale-to parameter
factors that define a relationship between dimensions of the captured image and
dimensions of a selected portion of the original image; and

a scale-to enable portion that enables the scale-to portion; and
dimensions of the scale marquee selection control are determined
based on the dimensions defined in the selection portion and the defined scale-to
parameter factor.

8. The image capture control system of claim 7, wherein

dimensions of the crop/frame marquee selection control are alterable;

and

altering the dimensions of the crop/frame marquee selection control
causes the dimensions of the scale marquee selection control to be correspondingly
altered.

9. The image capture control system of claim 2, wherein the preview pane
portion comprises a scale marquee selection control that visually indicates scaled
dimensions of the captured image.

10. The image capture control system of claim 9, wherein

the graphical user interface further includes:

a scale-to portion that is usable to define scale-to parameter
factors that define a relationship between dimensions of the captured image and
dimensions of a selected portion of the original image; and

a scale-to enable portion that enables the scale-to portion; and

when the scale-to portion is enabled, the scale marquee selection control is linked to the crop/frame marquee selection control.

11. The image capture control system of claim 1, wherein the preview pane portion comprises a scale marquee selection control that visually indicates scaled dimensions of the captured image.

12. The image capture control system of claim 11, wherein the graphical user interface further includes:
a fit-to dimensions portion that is usable to define dimensions to which the captured image is to be scaled; and
a fit-to dimensions enable portion that enables the fit-to dimensions; and
dimensions of the scale marquee selection control are determined based on the dimensions defined in the fit-to dimensions portion.

13. The image capture control system of claim 12, wherein the graphical user interface further includes:
a fit-to dimensions portion that is usable to define dimensions to which the captured image is to be scaled; and
a fit-to dimensions enable portion that enables the fit-to dimensions; and
dimensions of the scale marquee selection control are alterable; and
altering the dimensions of the scale marquee selection control causes the dimensions defined in the fit-to dimensions portion to be correspondingly altered.

14. The image capture control system of claim 1, wherein the preview pane portion comprises an image orientation mimic that visually indicates an orientation of the captured image relative to an original image.

15. The image capture control system of claim 1, wherein the preview pane portion comprises an image quality profile mimic that visually indicates a currently selected image quality profile to be used when generating the captured image from an original image.

16. The image capture control system of claim 1, wherein the preview pane portion comprises at least one of:
a crop/frame marquee selection control;

a scale marquee selection control;
an image orientation mimic; and
an image quality profile mimic.

5 17. A graphical user interface displayable on a display device of an image capture control system for an image capture device, the image capture device able to capture an image from an original document based on control parameters, the control parameters including scale parameters, the graphical user interface comprising:

10 a preview pane portion that visually indicates at least one feature of a resulting captured image that will result upon generating a captured image from an original image using the at least one image capture parameter.

18. The graphical user interface of claim 17, wherein the preview pane portion comprises a crop/frame marquee selection control that visually indicates a portion of an original image that will be captured as the captured image.

15 19. The graphical user interface of claim 18, wherein the portion of the original image indicated by the crop/frame marquee selection control is a cropped portion of the original image.

20. The graphical user interface of claim 18, wherein the portion of the original image indicated by the crop/frame marquee selection control is a framed portion of the original image.

20 21. The graphical user interface of claim 18, wherein the graphical user interface further includes:

a selection portion that is usable to define dimensions of a selected portion of the original image; and

25 a selection enable portion that enables the selection portion; and dimensions of the crop/frame marquee selection control are determined based on the dimensions defined in the selection portion.

22. The graphical user interface of claim 21, wherein the graphical user interface further includes:

30 a selection portion that is usable to define dimensions of a selected portion of the original image; and

a selection enable portion that enables the selection portion;

dimensions of the crop/frame marquee selection control are alterable;
and

altering the dimensions of the crop/frame marquee selection control
causes the dimensions defined in the selection portion to be correspondingly altered.

5 23. The graphical user interface of claim 21, wherein:

the preview pane portion comprises a scale marquee selection control
that visually indicates scaled dimensions of the captured image;

the graphical user interface further includes:

10 a scale-to portion that is usable to define scale-to parameter
factors that define a relationship between dimensions of the captured image and
dimensions of a selected portion of the original image; and

 a scale-to enable portion that enables the scale-to portion; and
dimensions of the scale marquee selection control are determined
based on the dimensions defined in the selection portion and the defined scale-to
15 parameter factor.

24. The graphical user interface of claim 23, wherein

dimensions of the crop/frame marquee selection control are alterable;
and

20 altering the dimensions of the crop/frame marquee selection control
causes the dimensions of the scale marquee selection control to be correspondingly
altered.

25 25. The graphical user interface of claim 18, wherein the preview pane
portion comprises a scale marquee selection control that visually indicates scaled
dimensions of the captured image.

26 26. The graphical user interface of claim 25, wherein

the graphical user interface further includes:

30 a scale-to portion that is usable to define scale-to parameter
factors that define a relationship between dimensions of the captured image and
dimensions of a selected portion of the original image; and
 a scale-to enable portion that enables the scale-to portion; and
when the scale-to portion is enabled, the scale marquee selection
control is linked to the crop/frame marquee selection control.

27. The graphical user interface of claim 17, wherein the preview pane portion comprises a scale marquee selection control that visually indicates scaled dimensions of the captured image.

5 28. The graphical user interface of claim 27, wherein
the graphical user interface further includes:
a fit-to dimensions portion that is usable to define dimensions
to which the captured image is to be scaled; and
a fit-to dimensions enable portion that enables the fit-to
dimensions; and
10 dimensions of the scale marquee selection control are determined
based on the dimensions defined in the fit-to dimensions portion.

29. The graphical user interface of claim 28, wherein
the graphical user interface further includes:
a fit-to dimensions portion that is usable to define dimensions
15 to which the captured image is to be scaled; and
a fit-to dimensions enable portion that enables the fit-to
dimensions; and
dimensions of the scale marquee selection control are alterable; and
altering the dimensions of the scale marquee selection control causes
20 the dimensions defined in the fit-to dimensions portion to be correspondingly altered.

30. The graphical user interface of claim 17, wherein the preview pane portion comprises an image orientation mimic that visually indicates an orientation of the captured image relative to an original image.

31. The graphical user interface of claim 17, wherein the preview pane
25 portion comprises an image quality profile mimic that visually indicates a currently
selected image quality profile to be used when generating the captured image from an
original image.

32. The graphical user interface of claim 17, wherein the preview pane
portion comprises at least one of:
30 a crop/frame marquee selection control;
a scale marquee selection control;
an image orientation mimic; and

an image quality profile mimic.

33. A method for displaying visual cues indicating capture parameters for a captured image without generating the captured image, comprising:

displaying a preview pane; and

5 displaying within the preview pane at least one of:

a crop/frame marquee selection control;

a scale marquee selection control;

an image orientation mimic; and

an image quality profile mimic.

10 34. The method of claim 33, wherein displaying within the preview pane the crop/frame marquee selection control comprises:

defining dimensions of a selected portion of the original image;

determining dimensions of the crop/frame marquee selection control based on the defined dimensions of the selection portion; and.

15 displaying the crop/frame marquee selection control with the determined dimensions

35. The method of claim 34, wherein displaying within the preview pane the crop/frame marquee selection control further comprises:

selecting the crop/frame marquee selection control;

20 altering the displayed dimensions of the crop/frame marquee selection control; and

correspondingly altering the defined dimensions of the selected portion of the original image.

25 36. The method of claim 34, wherein displaying within the preview pane the scale marquee selection control comprises:

defining a relationship between dimensions for the captured image and the determined dimensions of the crop/frame marquee selection control; and

displaying the scale marquee selection control based on the determined relationship and current determined dimensions of the crop/frame marquee selection control.

30 37. The graphical user interface of claim 36, wherein
33 selecting the crop/frame marquee selection control;

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altering the displayed dimensions of the crop/frame marquee selection control; and

correspondingly altering the dimensions of the scale marquee selection control.

5 38. The method of claim 33, wherein displaying within the preview pane the scale marquee selection control comprises:

defining dimensions to which the captured image is to be scaled;

determining dimensions of the scale marquee selection control based on the defined dimensions to which the captured image is to be scaled; and.

10 displaying the scale marquee selection control with the determined dimensions.

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selecting the scale marquee selection control;
altering the displayed dimensions of the scale marquee selection

15 control; and

correspondingly altering the defined dimensions to which the captured image is to be scaled.